

Name: _____

SCIENCE 10 OUTLINE & EXPECTATIONS

Kwantlen Park Secondary

Ms. Chen

Welcome to Science 10! This course is divided into four main areas: Chemistry, Biology, Physics and Earth Science. With enthusiasm and hard work, you will be able to achieve success, learn scientific skills and knowledge, and develop positive science attitudes. It is my hope that you will leave this course with a greater appreciation for the importance and relevance of science in your life, and develop a stronger personal interest in science.

COURSE TOPICS

Review: Applications of Science: Safety and Scientific Method

Topics: Safety, Process Skills, Scientific Method, and Metric System

Unit 1: Sustaining Earth's Ecosystems (Biology)

Topics: Biomes, Ecosystems, Energy flow and nutrients cycles, Changes in the ecosystem

Unit 2: Chemical Reactions & Radioactivity (Chemistry)

Topics: Atomic Theory, Classification of Compounds, Predicting Chemical Reactions, Radioactivity

Unit 3: Motion (Physics)

Topics: Velocity, acceleration

Unit 4: Energy Transfer in Natural Systems (Earth Science)

Topics: KMT, Thermal Energy, Climate Change, Plate Tectonics



TEXTBOOK: BC SCIENCE 10 (McGraw-Hill Ryerson)

Materials	Mark Breakdown	% to Letter Grade
✧ 3 ring binder/dividers	Term Mark: 80%	86-100 = A
✧ Pencils/pens/eraser	Assignments/Labs/Projects 40%	73-85 = B
✧ Calculator	Tests 50%	67-72 = C+
✧ Lined paper	Notebook Assessment 10%	60-66 = C
✧ Agenda	Provincial Exam: 20%	50- 59 = C-
✧ RED PEN		

If your standing is less than 60% on the first report card, you will also receive an "I" with instructions on how to improve your mark in this course. For the final report card, a mark less than 50% will result in the grade of an "F"

Provincial Exam: _____

Classroom Expectations:

- ✧ Respect yourself and others/Respect the environment/ Respect learning (KPS code of conduct)
- ✧ Missing or late assignments will not be accepted two weeks after the due date unless:
 1. The assignments have been completed during scheduled office hours (Tues, Thurs 2:40 – 4 pm).
 2. Prior arrangement and clarification for the absence have been discussed with the teacher
- ✧ Missed quizzes and tests must be written within 2 weeks of the original date on Thursday after school in room C210.
- ✧ The science department values academic integrity as a result cheating or plagiarism may result in a mark of zero.
- ✧ **NO electronic devices** (except calculators) can be used during class time!
- ✧ There is no food or gum allowed in class, you can bring water but it must be in an eco-friendly container (no cans, plastic bottles or cups).
- ✧ All students will work safely in the classroom and LAB at all times! People acting in dangerous manners or who do not listen to instructions will be prohibited from participating in labs.

Consequences for violation of these expectations are as follows:

1. Student-teacher conference
2. Student-teacher conference and/or detention
3. Student reflection sheet and parental contact
4. Parental contact
5. Referral to administration

Note: Good attendance is a key ingredient to the success in Science (or any course) at any level

I'm looking forward to a fun, interesting and successful year.

- ✧ **Due to labour dispute all after school arrangements will occur during lunch time on the scheduled days.**

For more information on course content and class schedule please visit our class website:
www.s-chen.wikispaces.com